

# DEUBLIN

## Rotating Union with Flange Rotor, DN 40, 50 and 65

- monoflow and duoflow design
- self-supported rotating union
- radial housing connection
- balanced mechanical seal  
Carbon Graphite/Bronze or  
Carbon Graphite/Ceramic - standard;  
Tungsten Carbide/Ceramic - E.L.S. (Extended Life Sealing)
- 3 or 4 vent holes
- forged brass housing (DN 40 and 50) and cast iron housing (DN 65)
- steel rotor
- Lubrication Guide page 52

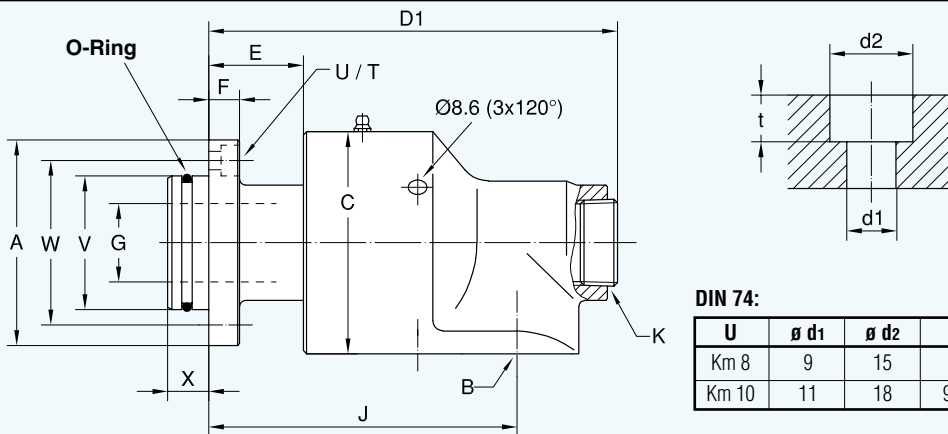
### Operating Data

Max. Water Pressure*	Model 555	730 PSI	50 bar
	655,755	200 PSI	14 bar
Max. Satur. Steam Pressure (Interm.)		14 PSI	1 bar
Max. Speed	Model 555	1,500 RPM	1.500 min <sup>-1</sup>
	655-755	1,000 RPM	1.000 min <sup>-1</sup>
Max. Temperature	120 °C	> 120 °C consult <b>DEUBLIN</b>	

\* Pressures exceeding 8 bars only permissible with cold water (50°C max.)

For further information please contact **DEUBLIN** or your local representative.

### Monoflow Rotating Unions



#### Flange O-Ring

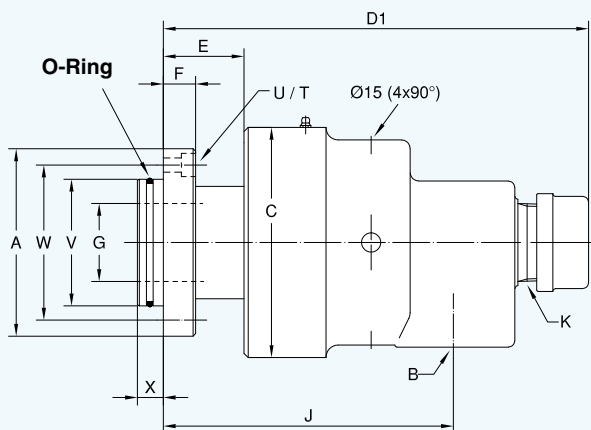
(supplied by **DEUBLIN**) for:  
Model O-Ring Size  
555 58 x 4 Viton  
655 73 x 4 Viton

DIN 74:

U	ø d1	ø d2	t
Km 8	9	15	8
Km 10	11	18	9,5

DN	B	Ordering No.	A ø	C ø	D1	E	F	G ø	J	K NPT	T	U DIN 74	V17 ø PT	W ø	X	kg
40	G 1 1/2	555-385-765	100	108	202	46	15	38	150	1 1/4	5 x 72°	Km 8	65	80	20	7,3
50	G 2	655-527-421	125	118	229	46	15,5	50	172	1 1/4	5 x 72°	Km 10	80	100	20	8,8

### Monoflow Rotating Unions



#### Flange O-Ring

(supplied by **DEUBLIN**) for:  
Modell O-Ring Size  
755 90 x 4 Viton

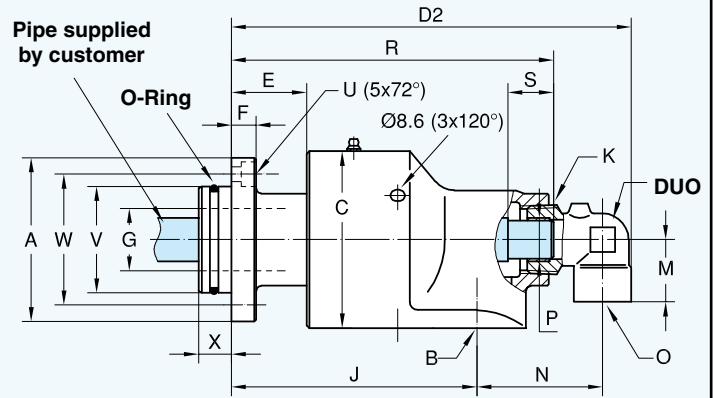
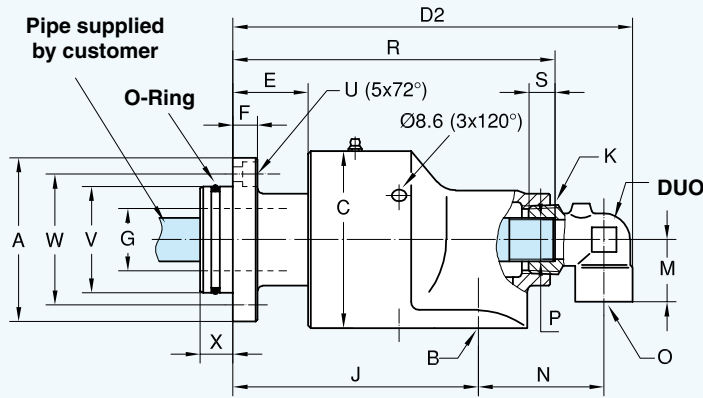
DN	B NPT	Ordering Nr.		A ø	C ø	D1	E	F	G ø	J	K NPT	T	U DIN 74	V17 ø PT	W ø	X	kg
		STD	E.L.S.														
65	2 1/2	755-713-495	755-726-495	145	178	317	63	26	60,3	225	2	5 x 72°	Km 10	98	120	20	22

**Duoflow Rotating Union for Threaded Supply Pipe**

**Duoflow Rotating Union for Rotating Supply Pipe**

**Flange O-Ring**

(supplied by DEUBLIN) for:  
 Model O-Ring Size  
 555 58 x 4 Viton  
 655 73 x 4 Viton



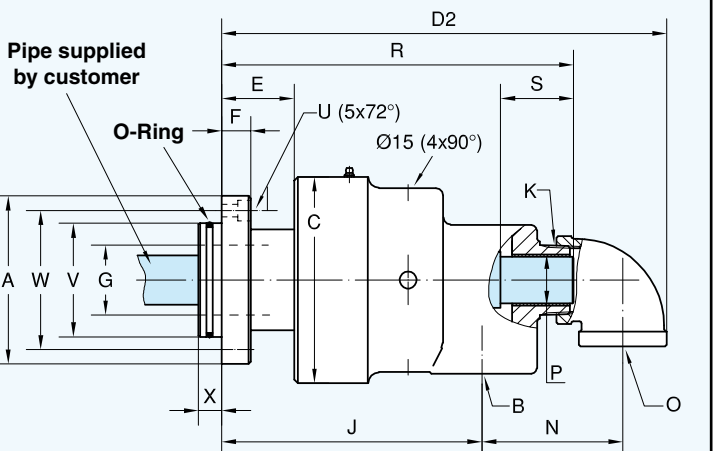
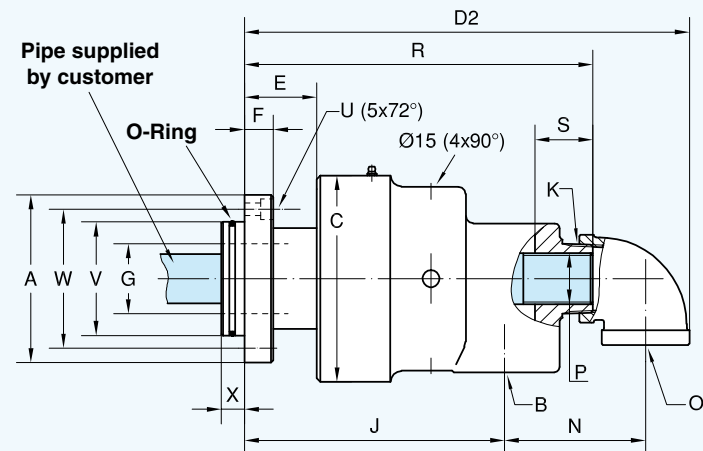
DN	B	O	Ordering No.	DUO	A ø	C ø	D2	E	F	G ø	J	K NPT	M	N	P Pipe	R	S	U** DIN 74	V <sub>17</sub> øPT	W ø	X	kg
40	G 1½	G ¾	555-385-765	451-171	100	108	244	46	15	38	150	1¼	38	76	G ¾	196	16	Km 8	65	80	20	7,6
	G 1½	G ¾	555-385-765	451-173	100	108	244	46	15	38	150	1¼	38	76	ø 25,8 h 13	212	44	Km 8	65	80	20	7,6
50	G 2	G ¾	655-527-421	451-171	125	118	271	46	15,5	50	172	1¼	38	82	G ¾	223	16	Km 10	80	100	20	9
	G 2	G ¾	655-527-421	451-173	125	118	271	46	15,5	50	172	1¼	38	82	ø 25,8 h 13	238	44	Km 10	80	100	20	9
	G 2	G 1¼	655-527-421	450-534	125	118	293	46	15,5	50	172	1¼	45	96	G 1	233	26	Km 10	80	100	20	9,1
	G 2	G 1¼	655-527-421	450-612	125	118	293	46	15,5	50	172	1¼	45	96	ø 32,1 h 13	234	50	Km 10	80	100	20	9,1

**Duoflow Rotating Union for Threaded Supply Pipe**

**Duoflow Rotating Union for Rotating Supply Pipe**

**Flange O-Ring**

(supplied by DEUBLIN) for:  
 Model O-Ring Size  
 755 90 x 4 Viton



DN	B NPT	O NPT	Ordering No.		A ø	C ø	D2	E	F	G ø	J	K NPT	N	P Pipe	R	S	U** DIN 74	V <sub>17</sub> øPT	W ø	X	kg
			STD	E.L.S.																	
65	2½	1¼	755-727-495-117	755-728-495-117	145	178	372	63	26	60,3	225	2	109	1 NPT	288	13	Km 10	98	120	20	23
	2½	1½	755-713-495-139	755-726-495-139	145	178	372	63	26	60,3	225	2	112	G 1½	301	45	Km 10	98	120	20	23
	2½	1½	755-729-495-139	755-730-495-139	145	178	372	63	26	60,3	225	2	112	ø 39,9 h 13	308	70	Km 10	98	120	20	23

\*\* See page 14, DIN 74 table